

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CTR ACCEPTANCE

NASAGODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NASS- 99124 TASK NO. 401 AMENDMENT	410-287-14-31-89	00

TASK TITLE: (NTE 80 characters; include Project name)

MAP Electrical Power System Engineering Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Bob G. Beaman	DATE: 10/10/12	ORG CODE: 563	MAIL CODE: 563	PHONE: 301-286-2538
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BRANCH HEAD

Marlon Encise	DATE: 10/12/00	CODE: 563	PHONE: 301-286-5845
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert Lebar	DATE: 10/12/00	CODE: 560	PHONE: 301-286-6588
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

[X] NO [] YES

CONTRACTING OFFICER'S QUALITY REP.

Larry Moore

DESIGNATED FAM:

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date:

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [] NO [] YES [X] N/A

Government Furnished Property/Facilities: [X] NO [] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [] NO [X] YES If yes: [X] TOTAL [] PARTIAL If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [X] NO [] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 10/12/00.

INCENTIVE FEE STRUCTURE (check one)

	No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 64,249

The target fee of this task order is \$ 4,176

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 68,425

The maximum fee is \$ 6,103

The minimum fee is \$0.

AUTHORIZED SIGNATURE

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Theresa J. Becker

SIGNATURE OF CONTRACTING OFFICER

11/1/00

DATE

Theresa J. Becker

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	401	

Applicable paragraphs from contract Statement of Work: Function 2.D.7

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall provide electrical power system (EPS) services for the Microwave Anisotropy Probe (MAP) Project. The MAP power system is a nominal 28 volt DC battery dominated bus. Energy is collected via a solar array and electronics are used to regulate the solar array and charge the battery. The MAP spacecraft is presently in the spacecraft integration phase. Services are needed for EPS spacecraft integration, environmental test, launch and post launch activities. It is expected that these services be provided by one individual with an excellent knowledge of freeflying spacecraft electrical power systems.

The contractor shall:

1. Support MAP EPS spacecraft integration, environmental test, launch and post launch activities.
2. Monitor EPS system, component development, integration and operation on the spacecraft. Be able to provide reports on any aspect of the spacecraft EPS and GSE.
3. Be available for ESP system test, trouble shooting, battery charge, spacecraft power up, battery discharge, battery reconditioning.
4. Contribute to the development of work orders and procedures.
5. Contribute to Energy Balance analysis.
6. Contribute to spacecraft functional test, comprehensive performance test (CPT), EMC test, vibration test, acoustics test and thermal vacuum test.
7. Contribute to all aspects of the EPS ground support equipment (SAS and battery GSE).
8. Contribute to trouble shooting for the EPS GSE and spacecraft.

PERFORMANCE SPECIFICATIONS:

All plans and procedures under this task are to be produced using industry standard practice.

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall be delivered to the ATR both as a hard copy and in MS Word format via either diskette or email.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

Evaluation and input to be based on all applicable MAP Spacecraft Performance and Verification Documents.

TASK END DATE: 9/30/01**MILESTONES/DELIVERABLES AND DATES:**

- | | |
|---|---|
| 1. Technical Progress Report | Monthly, 15th of the month |
| 2. Launch Site Activity Report | Within 7 days after each Launch Site activity event |
| 3. MAP Spacecraft Review Summary Report | Within 14 days after Review completion |
| 4. Copies of Written Correspondence | Within 5 days of issuance |

PERFORMANCE STANDARDS:

- | | |
|-------------------|--|
| Schedule: | On-time delivery/completion of the deliverables/milestones |
| Technical: | ATR's acceptance of the above |

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Bob G. Beaman, building 20, room 170